

Amendments to the specification:

Please replace paragraph [0001] with the following amended paragraph:

[0001] This application is a continuation in part of U.S. Ser. No. 10/436,376, filed May 12, 2003, which claims priority to U.S. Provisional Application No. 60/379,304, filed May 10, 2002, and U.S. Provisional Application No. 60/427,637, filed Nov. 19, 2002, all of which are incorporated herein by reference in their entirety.

Please replace paragraph [0064] with the following amended paragraph:

[0064] The HFX01-602 germplasm includes seeds. 2500 HFX01-602 F_{2,3} seeds were deposited with the American Type Culture Collection. The population of seeds was obtained from bulking the seeds produced by F₂ progeny. The genotype of the seed population is approximately 25% *Rps8/Rps8*, approximately 50% *e Rps8/sus*, and approximately 25% *sus/sus*. ~~Based on genetic marker analysis, the genotype of the seed population is further reflected by the following: *Satt228/Satt228* wherein essentially 100% are *Satt228/Satt228*.~~

Please replace the title of Example 2 (between ¶0080 and ¶0081) with the following amended title:

Example 2

Simple Sequence Repeat (SSR) DNA Length Polymorphism Markers Indicating Association of SSR markers *Satt228*, *Satt595*, *Satt114*, *Satt334*, *Sat 317*, *Sat 197*, *Satt510*, *Satt335* and *Satt144* with *Phytophthora sojae* Resistance in PI399073, thus Placing the Novel Trait Locus for *Rps8* on Major Linkage Group (MLG) A2 F.

Please replace paragraph [0094] with the following amended paragraph:

[0094] F1 plants of HFX01-602 were grown in the OARDC greenhouse at Wooster, Ohio and tested for the presence of molecular marker *Satt228* *Rps8* from PI 399.073. ~~Three F1~~

~~plants that were heterozygous for the marker were selected, one to three F2 seeds of these plants were planted in the greenhouse and subsequent plants were tested for the presence of the marker.~~
Remnant seed from plants that were ~~segregated~~ segregating or homozygous for Rps8 were bulked to create seeds deposited as HFX01-602.

Please delete paragraph [0095] as follows:

~~[0095] Table 8 shows Molecular marker analysis of soybean population OX 98317 x Kottman with SSR marker Satt228. *399 refers to the marker allele from PI 399073 and Sus to the allele from susceptible parents.~~

Please replace paragraph [0096] with the following amended paragraph:

[0096] F3 seed were single-plant harvested from four plants identified as homozygous for molecular marker Satt228. Forty F3 seed from each of the four plants were planted in the greenhouse, one seed per pot. The 160 plants were evaluated for the presence of the molecular marker Satt228 and were all positive. Seed of all of the plants were further evaluated for the presence for Rps8 by inoculation with a *Phytophthora sojae* isolate with following pathotype (1a, 1b, 1c, 1k, 3a, 3c, 4, 5, 6, 7). Kottman has genes Rps1k and Rps3a with high levels of partial resistance and NK S19-90 has Rps1c. No *P. sojae* isolate is currently known that can differentially kill plants with Rps8 in a consistent fashion, so there is no means to identify if these other Rps genes are present or segregating in these lines.

Please replace paragraph [0097] with the following amended paragraph:

[0097] Table 9 8 shows Phenotypic analysis of F2:3 lines of OX01-602 soybean lines for resistance to a *P. sojae* pathotype (vir 1a, 1b, 1c, 1k, 3a, 3c, 4, 5, 6, 7) for the number of lines that are homozygous resistant compared to the number of lines that are segregating and homozygous susceptible.

Please delete paragraph 0098 as follows:

~~[0098] One of the parents in this germplasm is NK S19-90 which has Rps1c for resistance to *Phytophthora sojae*. In order to verify that this gene was not present in these resistant lines a subset was evaluated with an additional isolate of *P. sojae* which has a susceptible interaction with Rps1c and Rps3a but not Rps1k or Rps8. Checks for this inoculation were: Kottman (Rps1k & Rps3a) resistant; Tiffin (Rps1c & Rps3a) Susceptible; PI 399073 (Rps8) resistant; NKS 1990 (Rps1c) susceptible; L85-129 (Rps1c) susceptible.~~

Please delete paragraph 0099 of the specification as follows:

~~[0099] Table 10 provides Phenotypic analysis of 8 F2:3 lines for presence of Rps1c~~

Please delete Table 8.

Please rename Table 9 as Table 8.

Please delete Table 10.